



Atty. Dkt. No. 085449-0159

14P44

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alejandro MERINO et al.

Title: PROTEIN COMPLEXES OF THE TIP60 TRANSCRIPTIONAL ACTIVATOR PROTEIN AS WELL AS COMPONENTS, FRAGMENTS AND DERIVATIVES THEREOF AND METHODS FOR USING THE SAME

Appl. No.: 10/521,748

International 7/18/2003

Filing Date:

371(c) Date: 10/27/2005

Examiner: Jae W. Lee

Art Unit: 1656

Confirmation 6988

Number:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be

04/25/2007 MAHMED1 00000131 10521748

01 FC:1806

180.00 OP

appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

The references listed on the PTO/SB/08 are described in the specification.

The relevance of the foreign-language document is described in the present specification. An English translation of the foreign-language document is not readily available. However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language document (37 CFR §1.98 and MPEP §609). An English language Abstract is provided for Reference No. A32 – WO 93/01288.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

FEE

A credit card payment form in the amount of \$180.00 is enclosed in accordance with 37 CFR §1.17(p) to cover the fee associated with an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the

credit card payment form being unsigned, providing incorrect information resulting in a rejected credit card transaction, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

By Michele M. Simkin

Date: April 24, 2007

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5538
Facsimile: (202) 672-5399

Michele M. Simkin
Attorney for Applicant
Registration No. 34,717

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: April 24, 2007

(use as many sheets as necessary)

1 of 22

Complete if Known

Application Number	10/521,748
Filing Date	10/27/2005
First Named Inventor	Alejandro MERINO
Art Unit	1656
Examiner Name	Jae W. Lee
Attorney Docket Number	085449-0159

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	4,816,567		03/28/1989	Cabilly et al.	
A2	4,816,397		03/28/1989	Boss et al.	
A3	5,225,539		07/06/1993	Winter	
A4	5,545,806		08/13/1996	Lonberg et al.	
A5	5,569,825		10/29/1996	Lonberg et al.	
A6	5,625,126		04/29/1997	Lonberg et al.	
A7	5,633,425		05/27/1997	Lonberg et al.	
A8	5,661,016		08/26/1997	Lonberg et al.	
A9	4,980,286		12/25/1990	Morgan et al.	
A10	5,096,815		03/17/1992	Ladner et al.	
A11	5,198,346		03/30/1993	Ladner et al.	
A12	5,223,409		06/29/1993	Ladner et al.	
A13	5,498,538		03/12/1996	Kay et al.	
A14	4,683,202		07/28/1987	Mullis	
A15	4,683,195		07/28/1987	Mullis et al.	
A16	4,889,818		12/26/1989	Gelfand et al.	
A17	5,585,089				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
A18	EP 1 105 508 B1		09/04/2002	Seraphin et al.		
A19	EP 125,023		11/14/1984	Cabilly et al.		
A20	EP 171,496 B1		05/26/1993	Taniguchi et al.		
A21	EP 173,494 A2		03/05/1986	Morrison et al.		
A22	EP 184,187 A2		06/11/1986	Kudo et al.		
A23	WO 86/01533		03/13/1986	Neuberger et al.		
A24	WO 87/02671		05/07/1987	Robinson et al.		
A25	WO 90/02809		03/22/1990	Ladner et al.		
A26	WO 91/17271		11/14/1991	Dower et al.		
A27	WO 92/01047		01/23/1992	McCafferty et al.		
A28	WO 92/09690		06/11/1992	Garrard et al.		
A29	WO 92/15679		09/17/1992	Markland et al.		
A30	WO 92/18619		10/29/1992	Kang et al.		
A31	WO 92/20791		11/26/1992	Winter et al.		
A32	WO 93/01288		01/21/1993	Breitling et al.	Abstract	
A33	WO 00/09716		02/24/2000	Seraphin et al.		
A34	WO 92/06180		04/16/1992	Wu		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	2	of	22	Attorney Docket Number	085449-0159

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A35	WO 92/20316	11/26/1992	Wu et al.	
	A36	WO 92/22635	12/23/1992	Wu et al.	
	A37	WO 93/14188	07/22/1993	Clarke et al.	
	A38	WO 93/20221	10/14/1993	Young	
	A39	WO 94/08598	04/28/1994	Naughton et al.	
	A40	WO 88/09810	12/15/1988	Tullis	
	A41	WO 89/10134	11/02/1989	Pardridge et al.	
	A42	WO 90/11364	10/04/1990	Cech et al.	
	A43	WO 93/20242	10/14/1993	Lerner et al.	
	A44	WO 94/18318	08/18/1994	Kay et al.	
	A45	WO 01/57190	09/08/2001	Tang et al.	
	A46	WO 02/22660 A2	03/21/2002	Tang et al.	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
	A47	ALBALA, Expert Rev. Mol. Diagn., Vol. 2, pp. 145-152, 2001.			
	A48	BAEK, et al., Cell, Vol. 110, pp. 55-67, 2002.			
	A49	BEIDLER, et al., J. Immunol., Vol. 141, pp. 4053-4060, 1988.			
	A50	BENOIST, et al., Nature, Vol. 290, pp. 304-310, 1981.			
	A51	BETTER, et al., Science, Vol. 240, pp. 1041-1043, 1988.			
	A52	BLAWAS, et al., Biomaterials, Vol. 19, p. 595-609, 1998.			
	A53	BOCK, et al., Nature, Vol. 355, pp. 564-566, 1992.			
	A54	BOESEN, et al., Biotherapy, Vol. 6, pp. 291-302, 1994.			

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: April 24, 2007 <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	3	of	22	Application Number	10/521,748
				Filing Date	10/27/2005
				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
				Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A55	BORG, et al., Mol. Cell Biol., Vol. 16, pp. 6229-6241, 1996.		T ⁶
	A56	BORG, et al., J. Biol. Chem., Vol. 273, pp. 14761-14766, 1998.		
	A57	BOUT, et al., Human Gene Therapy, Vol. 5, pp. 3-10. 1994.		
	A58	BRADY, et al., J. Biol. Chem., Vol. 274, pp. 17599-17604, 1999.		
	A59	BRENNER, et al., Proc. Natl. Acad. Sci., Vol. 89, pp. 5381-5383, 1992.		
	A60	BRINSTER, et al., Nature, Vol. 296, pp. 39-42, 1982.		
	A61	BRODY, et al., Rev. Mol. Biotechnol., Vol. 74, pp. 5-13, 2000.		
	A62	BUCHWALD, et al., Surgery, Vol. 88, pp. 507-516, 1980.		
	A63	BUNIN, et al., Proc. Natl. Acad. Sci., Vol. 91, pp. 4708-4712, 1994.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

WASH_1819857.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
Sheet	4	of	22	Art Unit	1656
				Examiner Name	Jae W. Lee
				Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A64	CAO X, et al., Science, Vol. 293, pp. 115-20, 2001.	
	A65	CAPECCHI, Science, Vol. 244, pp. 1288-1292, 1989.	
	A66	CHEN, et al., Science, Vol. 276, p. 1425-1428, 1997.	
	A67	CHOU, et al., Biochemistry, Vol. 13, pp. 222-23, 1974.	
	A68	CLINE, Pharmac. Ther., Vol. 29, pp. 69-92, 1985.	
	A69	CLOWES, et al., J. Clin. Invest., Vol. 93, pp. 644-651, 1994.	
	A70	COTTEN, et al., Meth. Enzymol., Vol. 217, pp. 618-644, 1993.	
	A71	DAVEY, et al., Microbiol. Rev., Vol. 60, pp. 641-696, 1996.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007 <i>(use as many sheets as necessary)</i>				Filing Date	10/27/2005
				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	5	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A72	DEXTER, et al., J. Cell Physiol., Vol. 91, p. 335, 1977.	
	A73	DURING, et al., Ann. Neurol., Vol. 25, pp. 351-356, 1989.	
	A74	EKINS, et al., J. Pharm. Biomed. Anal., Vol. 7, pp. 155-168, 1989.	
	A75	ELLINGTON, et al., Nature, Vol. 355, pp. 850-852, 1992.	
	A76	ENGSTROM, Biochem. Exp. Biol., Vol. 11, pp. 7-13, 1974.	
	A77	ERB, et al., Proc. Natl. Acad. Sci., Vol. 91, pp. 11422-11426, 1994.	
	A78	FIGEYS, et al., Electrophoresis, Vol. 2, pp. 208-216, 2001.	
	A79	FLETTERICK, et al., Computer Graphics and Molecular Modeling, In: Current Communications in Molecular Biology, 1986. TEXTBOOK, COPY NOT PROVIDED	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	6	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A80	FOWLKES, et al., Bio Techniques, Vol. 13, pp. 422-427, 1992.	
	A81	FREEMAN, et al., Proc. Natl. Acad. Sci., Vol. 80, pp. 4094-4098, 1983.	
	A82	FUCHS, et al., Bio/Technology, Vol. 9, pp. 1370-1372, 1991.	
	A83	GALLOP, et al., J. Med. Chem., Vol. 37, pp. 1233-1251, 1994.	
	A84	GAUTIER, et al., Nucl. Acids Res., Vol. 15, pp. 6625-6641, 1987.	
	A85	GIBSON, Cancer and Metastasis Reviews, Vol. 15, pp. 287-299, 1996.	
	A86	GOLDSPIEL, et al., Clinical Pharmacy, Vol. 12, pp. 488-505, 1993.	
	A87	GOOD, et al., Gene Therapy, Vol. 4, pp. 45-54, 1997.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	7	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
	A88	GRASSI, et al., Annals of Medicine, Vol. 28, pp. 499-510, 1996.		
	A89	GRIFFITHS, et al., EMBO J., Vol. 12, pp. 725-734, 1993.		
	A90	GROSSMAN, et al., Curr. Opin. In Genetics and Devel., Vol. 3, pp. 110-114, 1993.		
	A91	GUENETTE, S.Y., Proc. Natl. Acad. Sci., Vol. 93, pp. 10832-10837, 1996.		
	A92	GYLLENSTEIN, et al., Proc. Natl. Acad. Sci., Vol. 85, pp. 7652-7657, 1988.		
	A93	HAY, et al., Hum. Antibod. Hybridomas, Vol. 3, pp. 81-85, 1992.		
	A94	HONORE, et al., Expert Rev. Mol. Diagn., Vol. 3, pp. 265-274, 2001.		
	A95	HOPP, et al., Proc. Natl. Acad. Sci., Vol. 78, pp. 3824-3828, 1981.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

WASH_1819857.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	8	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
	A96	HOUGHTEN, et al., Nature, Vol. 354, pp. 84-86, 1991.		
	A97	HOUGHTEN, et al., Biotechniques, Vol. 13, p. 412-421, 1992.		
	A98	HOWARD, et al., J. Neurosurg., Vol. 71, pp. 858-863, 1989.		
	A99	HUNKAPILLER, et al., Nature, Vol. 310, pp. 105-111, 1984.		
	A100	HUSE, et al., Science, Vol. 246, pp. 1275-1281, 1989.		
	A101	HUTCHINSON, et al., "amplification with PCR primers containing a mutation, etc.", J. Biol. Chem., Vol. 253, pp. 6551-6558.		
	A102	INOUE, et al., FEBS Lett., Vol. 215, pp. 327-330, 1987.		
	A103	INOUE, et al., Nucl. Acids Res., Vol. 15, pp. 6131-6148, 1987.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

WASH_1819857.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	9	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
	A104	JAYAWICKREME, et al., Proc. Natl. Acad. Sci., Vol. 91, pp. 1614-1618, 1994.		
	A105	JESPERS, et al., Bio/technology, Vol. 12, pp. 899-903, 1994.		
	A106	JOLIOT, et al., Proc. Natl. Acad. Sci., Vol. 88, pp. 1864-1868, 1991.		
	A107	JONES, et al., Nature, Vol. 321, pp. 552-525, 1986.		
	A108	KADONAGA, et al., Proc. Natl. Acad. Sci., Vol. 83, 5889-5893, 1986.		
	A109	KANE, et al., Biomaterials, Vol. 20, p. 2363-2376, 1999.		
	A110	KARLSTROEM, et al., Anal. Biochem., Vol. 295, pp. 22-30, 2001.		
	A111	KAUVAR, et al., Chem. Biol., Vol. 2, pp. 107-118, 1995.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
Sheet	10	of	22	Art Unit	1656
				Examiner Name	Jae W. Lee
				Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A112	KAUVAR, Affinity fingerprinting, Pharmaceutical Manufacturing International, Vol. 13, pp. 965-966, 1995.	
	A113	KAUVAR, Toxic-Chemical Detection by Pattern Recognition in New Frontiers in Agrochemical Immunoassay, Kurtz, Stanker and Skerritt (eds), AOAC, pp. 305-312, 1995.	
	A114	KAY, et al., Gene, Vol. 128, pp. 59-65, 1993.	
	A115	KIEM, et al., Blood, Vol. 83, pp. 1467-1473, 1994.	
	A116	KINOSHITA, Ayae, et al., J. Biol. Chem., Vol. 277, pp. 28530-28536, 2002.	
	A117	KLUG, et al., M. Mol. Biol. Rep., Vol. 20, pp. 97-107, 1994.	
	A118	KODO, et al., J. Clin. Invest., Vol. 73, pp. 1377-1384, 1984.	
	A119	KOHLER, et al., Nature, Vol. 256, pp. 495-497, 1975.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007 <i>(use as many sheets as necessary)</i>				Filing Date	10/27/2005
				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	11	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A120	KOLLER, et al., Proc. Natl. Acad. Sci., Vol. 86, pp. 8932-8935, 1989.	
	A121	KOZARSKY, et al., Curr. Opin. Genet. Devel., Vol. 3, pp. 499-503, 1993.	
	A122	KOZBOR, et al., Immunol. Today, Vol. 4, p. 72, 1983.	
	A123	KROL, et al., Bio Techniques, Vol. 6, pp. 958-976, 1988.	
	A124	LAM, et al., Nature, Vol. 354, pp. 82-84, 1991.	
	A125	LANGER, Science, Vol. 249, pp. 1527-1533, 1990.	
	A126	LEE, et al., Science, Vol. 295, pp. 1702-1705, 2002.	
	A127	LEE, Trends Biotechnol., Vol. 19, pp. 217-222, 2001.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007 <i>(use as many sheets as necessary)</i>				Filing Date	10/27/2005
				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	12	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A128	LEMAITRE, et al., Proc. Natl. Acad. Sci., Vol. 84, pp. 648-652, 1987.	
	A129	LEONETTI, et al., Proc. Natl. Acad. Sci., Vol. 87, pp. 2448-2451, 1990; RENNEISEN, et al., J. Biol. Chem., Vol. 265, pp. 16337-16342, 1990.	
	A130	LETSINGER, et al., Proc. Natl. Acad. Sci., Vol. 86, pp. 6553-6556, 1989.	
	A131	LEVY, et al., Science, Vol. 228, pp. 190-192, 1985.	
	A132	LIU, et al., J. Immunol., Vol. 139, pp. 3521-3526, 1987.	
	A133	LIU, et al., Proc. Natl. Acad. Sci., Vol. 84, pp. 3439-3443, 1987.	
	A134	LOEFFLER, et al., Meth. Enzymol., Vol. 217, pp. 599-618, 1993.	
	A135	LONBERG, et al., Int. Rev. Immunol., Vol. 13, pp. 65-93, 1995.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
Sheet	13	of	22	Art Unit	1656
				Examiner Name	Jae W. Lee
				Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A136	MACBEATH, et al., Science, Vol. 289, p. 1760, 2000.	
	A137	MAHLER, et al., Immunotechnology, Vol. 3, pp. 31-43, 1997.	
	A138	MASTRANGELI, et al., J. Clin. Invest., Vol. 91, pp. 225-234, 1993.	
	A139	MATRIX Science, Perkins, et al., Electrophoresis, Vol. 20, pp. 3551-3567, 1999.	
	A140	MATTER, J. Med. Chem., Vol. 40, pp. 1219-1229, 1997.	
	A141	MAY, TIBTECH, Vol. 11, pp. 155, 1993.	
	A142	MCDONNEL, Curr. Opin. Chem. Biol., Vol. 5, pp. 572-577, 2001.	
	A143	MEDYNSKI, Bio/Technology, Vol. 12, pp. 709-710, 1994.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	14	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A144	MILLER, et al., Meth. Enzymol., Vol. 217, pp. 581-599, 1993.		T ⁶
	A145	MITCHELL, et al., Nature Biotechnol., Vol. 20, pp. 225-229, 2002.		
	A146	MORGAN, et al., Ann Rev. Biochem., Vol. 62, pp. 191-217, 1993.		
	A147	MORRISON, Science, Vol. 229, pp. 1202-1207, 1985.		
	A148	MULLIGAN, Science, Vol. 260, pp. 926-932, 1993.		
	A149	Nature, Initial Sequencing and Analysis of the Human Genome, Vol. 409, pp. 860-921, 2001.		
	A150	NELSON, et al., Electrophoresis, Vol. 21, pp. 1155-1163, 2000.		
	A151	NISHIMURA, et al., Canc. Res., Vol. 47, pp. 999-1005, 1987.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	15	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A152	NORD, et al., Nature Biotechnol., Vol. 15, pp. 772-777, 1997.	
	A153	NORD, et al., Eur. J. Biochem., Vol. 268, pp. 4269-4277, 2001.	
	A154	OCHMAN, et al., Genetics, Vol. 120, pp. 621-623, 1988; LOH, et al., Science, Vol. 243, pp. 217-220, 1989.	
	A155	OHLMEYER, et al., Proc. Natl. Acad. Sci., Vol. 90, pp. 10922-10926, 1993.	
	A156	OI, et al., Bio/Techniques, Vol. 4, p. 214-222, 1986.	
	A157	OLDENBURG, et al., Proc. Natl. Acad. Sci., Vol. 89, pp. 5393-5397, 1992.	
	A158	ORFAO, et al., Clin. Biochem., Vol. 29, pp. 5-9, 1996.	
	A159	OSTRESH, et al., Proc. Natl. Acad. Sci., Vol. 91, pp. 11138-11142, 1994.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	16	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A160	PARMLEY, et al., Gene, Vol. 73, pp. 305-318, 1988.		T ⁶
	A161	PARMLEY, et al., Adv. Exp. Med. Biol., Vol. 215, pp. 215-218, 1989.		
	A162	PEARSON, et al., Ann. Clin. Biochem., Vol. 37, pp. 119-145, 2000.		
	A163	PEARSON, Genomics, Vol. 11, pp. 635-650, 1991.		
	A164	PETRICOIN, et al., Lancet, Vol. 359, pp. 572-577, 2002.		
	A165	PITTELKOW, et al., May Clinic Proc., Vol. 61, p. 771, 1986.		
	A166	REBAR, et al., Science, Vol. 263, pp. 671-673, 1994.		
	A167	Renneisen et al., "Inhibition of Expression of Human Immunodeficiency Virus-1 in Vitro by Antibody-targeted Liposomes Containing Antisense RNA to the env Region," Vol. 265, No. 27, 1990, pp. 16337-16342.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	17	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A168	RHEINWALD, Meth. Cell Biol., Vol. 2A, p. 229, 1980.		T ⁶
	A169	RIGAUT, et al., "A generic protein purification method for protein complex characterization and proteome exploration", Nature Biotechnology, Vol. 17, no. 10, pp. 1030-1032, 1999.		
	A170	ROBERTS, et al., Curr. Opin. Chem. Biol., Vol. 3, pp. 268-273, 1999.		
	A171	ROSENFELD, et al., Science, Vol. 252, pp. 431-434, 1991.		
	A172	ROSENFELD, et al., Cell, Vol. 68, pp. 143-155, 1992.		
	A173	SALMON, et al., Proc. Natl. Acad. Sci., Vol. 90, pp. 11708-11712, 1993.		
	A174	SALMONS, et al., Human Gene Therapy, Vol. 4, pp. 129-141, 1993.		
	A175	SARIN, et al., Proc. Natl. Acad. Sci., Vol. 85, pp. 7448-7451, 1988.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

WASH_1819857.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	18	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A176	SARVER, et al., Science, Vol. 247, pp. 1222-1225, 1990.	
	A177	SAUDEK, et al., N. Engl. J. Med., Vol. 321, pp. 574-579, 1989.	
	A178	SCOTT, et al., Science, Vol. 249, pp. 386-390, 1990.	
	A179	SEFTON, CRC Crit. Ref. Biomed. Eng., Vol. 14, pp. 201-240, 1987.	
	A180	SHAW, et al., J. Natl. Cancer Inst., Vol. 80, pp. 1553-1559, 1988.	
	A181	SIMON, et al., Proc. Natl. Sci., Vol. 89, pp. 9367-9371, 1992.	
	A182	SLEPAK, "Application of Surface Plasmon Resonance for Analysis of Protein-Protein Interactions in the G protein-mediated signal transduction pathway," Journ. Of Molecular Recognition, Vol. 13, pp. 20-26, 2000.	
	A183	SMITH, et al., Gene, Vol. 7, pp. 31-40, 1988.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	19	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A184	SOMIA, et al., J. Virol., Vol. 74, pp. 4420-4424, 2000.		T ⁶
	A185	SOMIA, et al., Proc. Natl. Acad. Sci., Vol. 96, pp. 12667-12672, 1999.		
	A186	SOUTHERN, J. Mol. Biol., Vol. 98, pp. 503-517, 1975.		
	A187	STAUDT, et al., Science, Vol. 241, pp. 577-580, 1988.		
	A188	STEELE, et al., Clin. Obstet. Gynecol., Vol. 39, pp. 801-813, 1996.		
	A189	STEIN, et al., Nucl. Acids Res., Vol. 16, p. 3209-3221, 1988.		
	A190	STEMPLE, et al., Cell, Vol. 71, pp. 973-985, 1992.		
	A191	SUN, et al., Proc. Natl. Acad. Sci., Vol. 84., Pp. 214-218, 1987.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

WASH_1819857.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: April 24, 2007

(use as many sheets as necessary)

Sheet 20 of 22

Complete if Known

Application Number	10/521,748
Filing Date	10/27/2005
First Named Inventor	Alejandro MERINO
Art Unit	1656
Examiner Name	Jae W. Lee

Attorney Docket Number 085449-0159

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A192	TEMPLIN, et al., Trends Biotechnol., Vol. 20, pp. 160-166, 2001.	
	A193	TOLSTOSHEV, Ann. Rev. Pharmacol. Toxicol., Vol. 32, pp. 573-596, 1993.	
	A194	TUERK, et al., Proc. Natl. Acad. Sci., Vol. 89, pp. 6988-6992, 1992.	
	A195	TSUYOSHI, et. al., "Involvement of the TIP60 histone acetylase complex in DNA repair and apoptosis," Cell, Vol. 102, no. 4, pp. 463-467,2000.	
	A196	VAUGHAM, et al., Nature Biotechnol., Vol. 14, pp. 309-314, 1996.	
	A197	VELY, et al., Methods Mol. Biol., Vol. 121, pp. 313-321; Slepak, 2000, J. Mol. Recognit., Vol. 13, 20-26, 2000.	
	A198	VERHOEYAN, et al., Science, Vol. 239, p. 1534-1536, 1988.	
	A199	WAGNER, et al., Proc. Natl. Sci., Vol. 78, pp. 1441-1445, 1981.	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

WASH_1819857.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	21	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
	A200	WALSH, et al., Proc. Soc. Exp. Biol. Med., Vol. 204, pp. 289-300, 1993.		
	A201	WEINBERGER, et al., Vol. 1, pp. 395-416, 2000.		
	A202	WILSON, et al., Curr. Opin. Chem. Biol., Vol. 6, pp. 81-85, 2001.		
	A203	WITLOCK, et al., Proc. Natl. Acad. Sci., Vol. 79, pp. 3608-3612, 1982.		
	A204	WOOD, et al., Nature, Vol. 314, pp. 446-449, 1985.		
	A205	WU, et al., J. Biol. Chem., Vol. 262, pp. 4429-4432, 1987		
	A206	WU, et al., Biotherapy, Vol. 3, pp. 87-95, 1991.		
	A207	YAMAMOTO et al., Cell, Vol. 22, pp. 787-797, 1980.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

WASH_1819857.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/521,748
Date Submitted: April 24, 2007				Filing Date	10/27/2005
(use as many sheets as necessary)				First Named Inventor	Alejandro MERINO
				Art Unit	1656
				Examiner Name	Jae W. Lee
Sheet	22	of	22	Attorney Docket Number	085449-0159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A208	YU, et al., Cell, Vol. 76, pp. 933-945, 1994.		T ⁶
	A209	ZIJLSTRA, et al., Nature, Vol. 342, pp. 435-438, 1989.		
	A210	ZON, Pharm. Res., Vol. 5, pp. 539-549, 1988.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.